

# Vagish Maurya

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## EDUCATION

**Dr. A.P.J. Abdul Kalam Technical University (AKTU)**  
*Bachelor of Technology - Computer Science and Information Technology*

2020 - 2024  
CGPA: 8.01/10

## EXPERIENCE

### Calance Software Pvt. Ltd.

*Software Development Engineer I (SDE-I)*

Gurgaon, India  
June 2024 - Present

- Architected and developed an **AI-powered product planning platform** using **Next.js 14 App Router** with SSR/SSG/CSR optimizations, React Server Components, TypeScript, Tailwind CSS, and FastAPI. Implemented dynamic routing, middleware, API routes, and streaming to reduce initial page load time by **40%** while enabling intelligent suggestions and automated data-driven decision-making.
- Built a comprehensive **lease management system** from scratch using **Angular 17** with reactive forms, Angular Material, RxJS observables, HTTP interceptors, lazy loading, and role-based routing for the New York City School Construction Authority (NYCSCA). Implemented draft mode API, form validation, state management, and real-time data synchronization.
- Developed a scalable resume builder application with **Node.js/Express.js** backend featuring RESTful APIs, JWT authentication, file upload handling, **GitHub Gist integration**, PDF generation, and MongoDB data persistence with optimized query performance.
- Enhanced **HR Management System (HRMS)** by implementing dark mode theming, **Web Speech API** for voice-command navigation, RBAC (Role-Based Access Control), Zustand state management, React Query for data fetching, and performance optimization techniques.
- Integrated shadcn/ui component library, implemented skeleton loading, infinite scrolling, debounced search, error boundaries, and responsive design to enhance user experience and performance.
- Debugged and resolved **150+ critical production bugs** across multiple tech stacks, implemented unit testing with Jest/React Testing Library/Jasmine, error logging, performance monitoring, and code review processes to ensure reliability and maintainability.

## PROJECTS

### LawVistaHub - Legal Tech Platform | [Live Demo](#)

July 2023 – Oct 2023

- Built secure legal platform with **React.js**, **Redux Toolkit**, **MongoDB**, **Express.js**, JWT authentication, WebRTC video conferencing, document management, and Razorpay payment gateway integration.

### Synapse - AI Job Matching Platform

May 2024 – Present

- Developed **AI-powered recruitment platform** using React.js, TypeScript, FastAPI, MongoDB with ML recommendation engine, real-time WebSocket messaging, automated web scraping, and LinkedIn API integration.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, TypeScript, C++, SQL

**Frontend Technologies:** React.js, Next.js, Angular, Tailwind CSS, Responsive Design, HTML5, CSS3, Zustand, Redux

**Backend Technologies:** Node.js, Express.js, RESTful APIs, Microservices

**Databases & Cloud:** MongoDB, MySQL, Docker

**Tools & Testing:** Git/GitHub, Jest, Jasmine, Postman, Jira, Agile/Scrum, TDD

## CERTIFICATIONS & ACHIEVEMENTS

**AWS Certified AI Practitioner** | [View Certificate](#)

**Smart India Hackathon Finalist** - Govt. of India | **Star Performer Q4 2024** - Calance

**Competitive Programming** - Global Rank 231 Codechef | 500+ problems on [LeetCode](#) & [CodeChef](#)